PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application Number:

Not Yet Assigned

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| MENT BY APPLICANT |     | PLICANT | First Named Inventor:   | Todd Thomas      |  |
| as many sheets    |     |         | Group Art Unit:         | Not Yet Assigned |  |
| ,                 |     |         | Examiner Name:          | Not Yet Assigned |  |
|                   | of  | 2       | Attorney Docket Number: | 506422.0112      |  |

|                     |              |               |   | U. S. PATENT DOCUMENTS                          |  |   |
|---------------------|--------------|---------------|---|---|--|---|
| xaminer<br>nitials* | Cite<br>No.1 | U.S. Patent D | ocument<br>Kind Code <sup>2</sup><br>(if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
| tal                 |              | 5,618,862     |   | Germanaud et al.                                | April 8, 1997  |   |
|                     |              | 6,089,783     |   | Goacolou  | July 18, 2000  |   |
| $\neg \Box$         |              | 5,766,333     |   | Lukens  | June 1998  |   |
|                     |              | 5,741,085     |   | Wirtgen   | April 1998   |   |
|                     |              | 6,380,284     |   | Lopez   | April 2002   |   |
|                     |              | 4,944,631     |   | Egli  | July 1990  |   |
|                     |              | 4,549,834     |   | Allen   | October 1985   |   |
|                     |              | 4,974,993     |   | Crabbi  | December 1990  |   |
|                     |              | 4,946,307     |   | Jakob   | August 1990  |   |
|                     |              | 6,186,700     |   | Omann   | February 2001  |   |
|                     |              | 4,373,961     |   | Stone   | February 1983  |   |
| <b>y</b>            |              | 6,139,612     |   | Kitagawa et al.                                 | October 2000   |   |
| SH                  |              | 5,114,483     |   | Graf  | May 1992   |   |
|                     |              |               |   | ·   |  |   |
|                     |              |               |   | •   |  |   |
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|                    | FOREIGN PATENT DOCUMENTS |   |                     |            |                             |  |  |          |
|--------------------|--------------------------|---|---------------------|------------|-----------------------------|--|--|----------|
| Examiner Initials* | Cite<br>No.1             | Foreign Patent Document  Kind Code <sup>5</sup> |                     |            | Name of Patentee or         | Date of Publication of<br>Cited Document | Pages, Columns, Lines,<br>Where Relevant | T        |
|                    |                          | Office  | Number <sup>4</sup> | (if known) | Applicant of Cited Document | MM-DD-YYYY                               | Passages or Relevant<br>Figures Appear   | 6        |
| DC                 |                          |   | EPO0274920          |            | Chambard et al.             | November 1987                            |  |          |
| 1                  |                          |   | EPO0324491          | A1         | Crabbi                      | July 1989                                |  |          |
| 18                 |                          |   | WO 98/54263         |            | Lopez                       | December 1998                            |  |          |
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| Examiner<br>Signature | Herandut. | Perll  | Date<br>Considered | 10/7/04 |

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of 2

|   | Application Number:     | Not Yet Assigned |
|---|-------------------------|------------------|
|   | Filing Date:            | June 23, 2003    |
|   | First Named Inventor:   | Todd Thomas      |
|   | Group Art Unit          | Not Yet Assigned |
| j | Examiner Name:          | Not Yet Assigned |
|   | Attorney Docket Number: | 506422.0112      |

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|-----------------------|--------------|--|----|
| \$\$                  |              | Minnesota Technology Transfer Program, Technology Exchange Newsletter, Regents of the University of Minnesota, 1999  |    |
| \$H                   |              | Arizona Department of Transportation, Arizona Millings Evaluation, US-191 millings, Phoenix, AZ April 6, 2000.   |    |
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OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS AND INFORMATION

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